6.2.1.

SIES GRADUATE SCHOOL OF TECHNOLOGY
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DEPARTMENT OF PRINTING AND PACKAGING TECHNOLOGY
Annual Report 2019-20

1. Academic achievements:
University Rankers:
1st. Priyanka Maitra – B.E. Printing & Packaging Technology – CGPI 9.75
2nd. Hule Purva – B.E. Printing & Packaging Technology – CGPI 9.53
3rd. Shruti Shinde – B.E. Printing & Packaging Technology – CGPI 9.40

2. Collaborative/MOUs':
- ESKO Graphics, Singapore MoU signed for the period between 1st Jan, 2020 to 31st Dec, 2020 for granting latest Softwares and licences for ArtiosCAD, Deskpack, Studio Designer and Visualizer.
- 5 students underwent 2-month internships at Printweek India, Mumbai in Oct-Nov. 2019 (5-year MoUs were signed in 2017 with the company).
- M/s Bombay Master Printers' Association (BMPA) has instituted a Rs. 1,00,000/- annual scholarship fund to be given to two Outstanding Girl students from PPT. (Rs. 50,000/- each) (MoU has been signed with BMPA for the same in June-July 2019).

3. Department Initiatives:
- Department of Printing & Packaging Technology hosted the prestigious Idealliance South Asia/India/MENA G7 Expert Certification training from 24 to 26 August, 2019. One faculty Prof. Gaurav Fasate was deputed from the PPT Department.

- An Industrial Visit was organized for Second Year PPT students by the Faculty Mr. Gaurav Fasate to the company Decaltech Pvt. Ltd, Bhiwandi on October 12, 2019. This visit was organized to give an insight to the students about the printing industry and its processes. Around 50 students were present for the visit.
- The SMI Scholarship Annual Scholarship Award (Rs. 3,00,000/-) started by Mr. Ajay Mehta, MD of M/s SMI Coated Products Pvt. in the year 2018 has been given to 12 PPT students on need-cum-merit basis (Rs. 25,000/- each) in the year 2019-20 also.
- Out of 66 students who graduated in 2019, 49 have been placed and 12 are pursuing higher studies.

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- 46 final year students from PPT 2020 Batch have been successfully placed by PPT department in 23 Printing & Packaging Companies all around India right from Large FMCGs to converters for 6-month Professional Internship from Jan 2020.
- 5 students underwent 2-month internships at PrintWeek India, Mumbai in Oct-Nov. 2019 for assisting in PrintWeek India Awards 2019.

- Shashank Shejwalkar Scholarship of Rs.15,000/- instituted by Mr. Sagar Shejwalkar (Ex-SIESGST PPT Head) in December 2018 was given to a student with all-round performance in academics and extra-curricular activities in the year 2019-20.
- The PPT Department organised the 10th edition of IMPRESSIONS on February 17, 2020. This Annual Festival organised by the Students of Printing & Packaging Technology Department, from its inception since 2010, is an event for students to give them opportunity to showcase their technical & non-technical skills.

4. Academic / technical achievements of Students:

- Priyanka Maitra alumnus of PPT who passed out in June 2019 was awarded the meritorious Student award with a cash award of Rs.10000/- by the Bombay Master Printers' Association, Mumbai on Sept. 27, 2019.

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- Sriganesh Sankar & Abdul Basit from BE-PPT won the first prize (Rs.25,000/-) in P-Pack 2019 National Level Technical Quiz on Plastics in Packaging held on Sept 28, 2019, which saw 15 teams participating from Mumbai, Roorkee, Chennai, Madurai, Valsad, Aurangabad and Jalgaon.

- TEPPT and BEPPT students participated in the intercollegiate competition PRINTERA 2020 held at PVG College of Engineering, Pune on Jan 4 & 5, 2020 and won following prizes:
     1. Yashodhan Parab : 1st in photography
     2. Ashwin Deokar :2nd in print quiz
     3. Sachin Dhavale :1st in prepress creativity
- Ms. Shruti Belose and Ms. Arti Desai, second year PPT students under the guidance of Prof. Katyayini Shirur have bagged the Dr. A.P.J Abdul Kalam Young Research Fellowship organised by TERRE Policy Centre in June 2020 for the project "Bio-leather: A Flexible Packaging Material as an alternative for Plastics". The fellowship carries monetary benefit of up to Rs. 10,000/-, along with a citation, scroll and a medallion. This project is an effort to produce a flexible packaging material which can have a better moisture and oil repellence along with desirable physical property using Kombucha Scoby – a mixture of micro-organisms. This is an economical way of producing the material using micro-organisms and agricultural/industrial wastes.

5. Cultural achievements of Students:
- Vinay Thakur from B.E PPT won third prize in Clay Modelling at Youth Festival, organized by University of Mumbai on 14 th August, 2019.
- Vinay Thakur from BEPPT secured First prize in Story Writing (District Level) at the 52nd Youth Festival.

6. Faculty achievements/Research Grants:
- Dr. Sandesh Ramteke and Prof. Sagar Waghmare were appointed as Visiting Faculty for M.E Plastic Engineering Program at Institute of Chemical Technology, Matunga, Mumbai from July-Dec 2019.

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- Prof. Gaurav Fasate got trained and certified with the prestigious G7 Expert certification in August 2019.

- Prof. Shubhangi Kadu was invited as a Chairperson for National Level Technical paper presentation held on September 27, 2019 at Datta Meghe College of Engineering, Navi Mumbai.
- Prof. Katyayini Shirur supervised and completed the Moisture-Sorption Isotherm analysis for Mondelez at SIES School of Packaging along with Prof. Prasad Iyer between Oct-Dec 2019.
- Prof. Prasad B. Iyer was invited as a Panel Moderator at Sofitel, BKC by PrintWeek India for its Circular Economy Forum on Dec 2, 2019.

7. Faculty Consultancy Projects:

- A consulting testing project (worth approx. Rs. 8000/-) from Dr. Tarana (Terna Dental College) was successfully completed by Dr. Sandesh Ramteke for tensile pull-out testing of implants on teeth samples Nov-Dec.2019.
- A consultancy project (worth approx. Rs. 75,000/-) from Electronics Enterprises (I) Pvt. Ltd. was successfully completed by Prof. Sagar Waghmare & Prof. Prasad Iyer for Designing & 3D Printing machine components between Oct.2019-Jan 2020.

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8. Seminars / workshops organised by departments:

- Organized the fifth edition of the highly successful "P-Pack" – National Level Technical Quiz on Plastics in Packaging on Sept 28, 2019, which saw 15 teams participating from Mumbai, Roorkee, Chennai, Madurai, Valsad, Aurangabad and Jalgaon.

- Organised P-Pack Junior for the fifth time in the last 4 years to invite 11th and 12th standard science students and introduce them to the Printing & Packaging Field with the help of fun technical events and Quiz. About 45 students participated in the event from various junior colleges in Mumbai & Navi Mumbai.

- One-Week AICTE-ISTE approved Short-Term-Training Programme conducted by PPT Department on "Food Packaging & Shelf Life Estimation" between Dec 16 to 21, 2019 attended by 28 participants from Academia and Industry.

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- 2nd National Symposium was organised by the Department under Impressions 2020 on Feb 29, 2020. This year the theme was "Artificial Intelligence & Automation in Printing & Packaging", which included Panel Discussions and Expert Sessions by eminent Industry Personnel from the field of Printing & Packaging Technology.

9. Seminars/workshops attended by department by Department faculty:

- Prof. Prasad B. Iyer participated in Pack-Plus Exhibition on behalf of SIES GST PPT Dept. / SIES SOP in New Delhi from August 28 to 31, 2019 for enhancing Brand visibility and publicity for courses, training, testing & consultancy.
- Prof. Prasad B. Iyer and Prof. Sagar Waghmare attended Indian Plastics Institute, Mumbai Seminar at Andheri along with 6 students on the topics of Latest Generation Masterbatches by Mr. Manoj Ghule from Polmann India Ltd. and Effect of Additives on Structure Development and Properties of Semi-crystalline Polymers by Dr. S. Radhakrishnan, Vice President, IPI in August 2019.
- Prof. Sagar Waghmare along with 5 TEPPT students attended the YesGo event on ESKO Design software on Sept. 20, 2019.

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- Prof. Prasad B. Iyer and Prof. Sagar Waghmare attended the Design & Innovation seminar conducted at ISDI Parsons, Lower Parel on Oct. 6, 2019.
- Prof. Sagar Waghmare, Prof. Gaurav Fasate and Prof. Prasad B. Iyer attended the Print Innovation Exchange India Summit on Nov. 25, 2019 at Courtyard by Marriott, Mumbai along with 7 students.
- Prof. Prasad B. Iyer attended the Print Week Awards Night on Dec 2, 2019 at Sofitel, BKC.
- Prof. Sagar Waghmare attended the 6 days AICTE-ISTE approved Short-Term Training Programme on "Hands on Modern 3D Modelling and Printing Techniques" at Sardar Patel Institute of Technology, Mumbai from Dec 2 to 7, 2019.

- Dr. Sandesh Ramteke attended one day National Symposium "Cleaner Production & Green Technology" sponsored by IE(I) The Institutions of Engineers (India) South Gujarat Local Chapter on Dec 14, 2019.
- Prof. Prasad B. Iyer attended the orientation session on the Institutional Elective course "Finance Management" conducted by Don Bosco Institute of Technology, Kurla on Jan 22, 2020.

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- Prof. Katyayini Shirur, Prof. Shubhangi Kadu and Prof. Gaurav Fasate attended the Print Summit 2020 conducted by the BMPA at Nehru Centre Auditorium, Worli on Jan 23, 2020 along with 17 students.
- All faculty members attended various technical / non-technical webinars including certifications during the period between April & June 2020.

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DEPARTMENT OF MECHANICAL ENGINEERING
Annual Report 2019-20

1. Academic achievements:

- BE student Sahil Shivathare got selected for Infosys in campus placement.
- BE students Sabarish Krishnamurthy and Swarup Dhanawade got selected for Hind Terminals Pvt. Ltd. In campus placement.
- Final year students Atul Agnihotri and Aniket Bhosale qualified GATE 2020 with score of 41.11 and 48.48 respectively.

2. Department Initiatives:

- Department organised various SDPs for SE, TE and BE students.
- Department organised industrial visits for the students of SE, TE and BE.
- Department conducted orientation program for the subject of Engineering Mechanics as per revised Mumbai University syllabus on 19 Sept 2019.
- DAB meeting was conducted on 19 October, 2019.
- Faculty-Alumni interaction.
- Organised Parents-Teachers Meet.
- Department organised FDP.

3. Academic/technical achievements of students:

- SAE student team Turbocrafters conducted two days Automobile workshop for school students on 27-28 July, 2019.
- SAE students team conducted Solidworks workshop for F.E. and S.E.(Mech) students on 30-31 August, 2019.

- Two project groups (Group No. 5: Chettiar Sairam, Iyer Siri, Chaudhari Raj, Chillara Sowmya; Group No. 12: Ghatage Avdhut, Jalalbisht Neeraj, Phapale Aishwarya, Shivathare Sahil) from final year received first prize and runner-up prize respectively in National Level Technical Paper Presentation Competition NLTPP-2019 at BVCOE, Kharghar on 20 September, 2019.
- SAE council students conducted three events (1 - Roadrash, 2 - Automania, 3 - Design wars) on 28-29 September 2019.

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- BAHA students conducted two days Automobile Workshop for school students of St. Xaviers, Nerul on 19-20 October, 2019.
- Students from SE and TE have undergone internship in industries after end-sem exams in December 2019 and January 2020.
- BE project group with topic Solar powered atmospheric water generator got selected for level 2 of project competition Avishkar.
- BE project student group presented and demonstrated the innovative project idea in Innovations 2020 organised by CSI in SIES GST and won second prize on 28 February 2020.
- Three student groups presented paper in national level technical paper presentation competition Techxter 9.0 at SIES GST on 29 February 2020.

5. Cultural/sports achievements:

- Students of SE, TE and BE participated in various events in TML 2020.
- Third Year student Gaurang Dandwate received second prize in university level quiz competition (NSS) on 'Life and works of Mahatma Gandhi' at Mulund College of Commerce on 25 September, 2019.
- SAE student team Turbocrafters participated in National level event all-terrain vehicle competition BAJA 2020 at Indore during 22-26 January 2020 and secured 1st in Mumbai, AIR 8th in maneuver, AIR 6th in endurance and overall AIR 11th rank at national level.

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- SAE student team Turbocrafters participated in National level event all-terrain vehicle competition ATVC 2020 at Vadodara, Gujarat and secured AIR 1 in Suspension & Traction, AIR 1 in Cost, AIR 1 in Mega Marketing Round, AIR 4 in Maneuverability, AIR 3 in Endurance and overall AIR 3rd rank at national level.

6. Faculty achievements/Research grants:

- Prof. Lokpriya Gaikwad submitted research paper to international conference IMMT2019 to be held in BITS-Pilani Dubai Campus during 20-22 Nov, 2019.
- Dr.Rupendra Nehete and Dr. Kaustubh Chavan submitted technical paper to international journal IJMPERD (scopus indexed) from Trans Stellar Publications.
- Prof.Ganesh Kadam and Prof. Onkar Potadar visited the industry Metalemms Bombay Pvt. Ltd., Thane on 21 September 2019 for getting an overview on current going final year project (Design and Manufacture of India's largest laddle) as well as discussed future prospects for industry-institute interaction.
- Four minor research proposals were submitted for getting research grants by Dr.Pradip Patil (2 nos.), Dr.Kaustubh Chavan (1 nos.) and Prof. Lokpriya Gaikwad (1 nos.) to Mumbai University.
- Prof.Prashant Ambadekar published two books entitled 'Advanced Manufacturing Processes' for MSBTE and Jharkand University.
- Dr. R.S. Nehete got patent certificate (Design no. 286364, Issue date: 01/07/2019, Class: 203) in the month of November 2019.
- Dr. R.S. Nehete published paper in Scopus indexed International Journal IJITEE in October 2019.
- Dr. R.S. Nehete published paper in Scopus indexed International Journal IJSTR in November 2019.
- Dr. Pradip Patil published paper of IEMECON 2019 in IEEE Digital Explore in November 2019.
- Dr. Rupendra Nehete presented poster for minor research grant project in Mumbai University on Dec 16 2019.
- Dr. Rupendra Nehete published two papers in International Journals IJSTR and IJRTE having scopus indexing.
- Prof. Prashant Ambadekar presented poster for minor research grant project in Mumbai University on Dec 16 2019.
- Prof. Prashant Ambadekar presented poster for Avishkar project competition (teacher category) at RAIT Nerul on Dec 21 2019.
- Prof. Prashant Ambadekar published books entitled 'Industrial Engineering and Management' and 'Mechatronics' for MSBTE.
- Prof. Lokpriya Gaikwad's two papers have been accepted in International Journals TQM and IJIMSE.
- Dr. Rupendra Nehete and Dr. Pradip Patil attended syllabus revision meeting for revised syllabus curriculum Rev. 2019 of Mechanical Engineering of Mumbai University at LTCOE, Koparkhairane on 29 February 2020.
- Prof. Prashant Ambadekar published book entitled 'Measurement and Automation' for MSBTE.
- Prof. Lokpriya Gaikwad's two papers have been published in scopus indexed International Journals TQM (Emerald) and IJIMSE (Science Publ.).
- Prof. Prashant Ambadekar's paper has been published in International Journal of Bio-and Tribo-Corrosion (Springer) on 2nd March 2020.
- Prof. Prashant Ambadekar's paper has been published in International Journal SN Applied Sciences (Springer) on 9th April 2020.

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7. Seminars/workshops/industry visits organised by departments:

- An alumni talk was organized on 'Projects in Heat Transfer in Alfa Laval' by alumni Mr.Pankaj Pathak from Alfa Laval for BE students on 30 August, 2019.

- Department organized and conducted Parents-Teachers Meet wherein faculties interacted with parents and delivered seminars on activities of department and institute on 30 August 2019.

- A SDP was organised on Guidance for UES applicants.(armed forces) for all branch students by Retd. Captain R.S. Tope from Indian Navy on 31 August, 2019.
- Orientation program was conducted for the subject of Engineering Mechanics as per revised Mumbai University syllabus on 19 Sept 2019 wherein faculties from 61 engineering colleges participated.

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- A SDP was organized on industrial tools and techniques for BE students by industry expert Mrs.Divyanka Ingale from IDOS LLP on 20 Sept 2019.

- A SDP was conducted on GATE awareness for all mechanical engg. students by Vidylankar coaching center on 20 September 2018.
- Industry visit was conducted for second year students at Hindustan Forging & Steel Industries (HFSI), Wagle Estate, Thane for imparting knowledge on machining, heat treatment and forging operations on 21 September 2019.

- A SDP was conducted on entrepreneurship awareness camp for final year students on 27-28 September 2019.
- BE students attended program on Design Innovation Creativity & Entrepreneurship (DICE) Boot Camp at School of Design & Innovation (ISDI), Parel on 5 October, 2019.
- Industry visit was organized for BE students at workshop of Fortune Cars Pvt. Ltd., Nerul on 9 October, 2019.
- Department organized and conducted one-week AICTE-ISTE approved STTP on Application of object oriented programming in mechanical engineering from December 16-21, 2019.

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- In-house internship was conducted on topics 'Design and Manufacturing of Drill Jig & Maintenance of Various Machines in Machine Shop' and 'Design and Development of Spiral Tube Heat Exchanger' for students of SE and TE respectively from December 5-22 2019.

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- Industry visit was conducted at Mecho Engg. Pvt. Ltd. for TE students from Dec 26-31 2019 at Bangalore, Karnataka.

- Department conducted Alumni meet 'Annual Alumni Reunion 2020' on 4th Jan 2020 and faculties interacted with alumni.
- Organized convocation ceremony and distributed degree certificates to previous year pass-out students on 11th Jan 2020.
- Conducted FDP Seminar on 'Intellectual Property Rights' by expert Dr. Prashant S. Lokhande, PCE Panvel on 18 Jan 2020.

- Faculties interacted with Alumni during alumni meet and convocation on 4th Jan and 11th Jan 2020 respectively.
- Conducted SDP training program on Energy Savings for TE students by industry expert Mr Sambhaji Kadam from PCRA on 24 Feb 2020.

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- Students of SE and TE attended an awareness session on career opportunities in Indian Navy at SIES GST auditorium on 28 February 2020.
- Department organized and conducted Parents-Teachers Meet wherein faculties interacted with parents and delivered seminars on activities of department and institute on 29 February 2020.

- Conducted industry visit for TE students at Milestone Institute, Thane on 29 February 2020.


- Facilitated BE students to appear for placement preparation tests FNAT and FNCODE in SIES GST from Firstnaukri on 4 March 2020.
- Conducted field visit for BE students to show solar water heating system at SIES Old Age Home, Nerul on 9 March 2020.
- Facilitated students of TE and BE to attend seminar on Digital Marketing by Performics Convonix in SIES GST auditorium on 13 March 2020.
- Conducted industry visit under ISHRAE for SE, TE and BE students at Mitsubishi Electric India Pvt. Ltd., Andheri on 13 March 2020.
- Facilitated TE students to participate in Campus Recruitment Training-CRT from MyPostGrad in SIES GST on 14 March 2020.

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8. Seminars/workshops/FDPs attended by department faculty:

- Mechanical department all faculties participated in one-week AICTE-ISTE approved STTP on Application of object oriented programming in mechanical engineering from December 16-21, 2019.
- Dr. Kaustubh Chavan, Prof. Prashant Ambadekar, Prof. Lokpriya Gaikwad and Prof. Prajakta Kane participated in one week FDP on Design Thinking, Innovation and IPR conducted by BVCOE, Belpada, Navi Mumbai from December 9-13 2019.
- Mechanical department all faculties participated in FDP Seminar on 'Intellectual Property Rights' by expert Dr. Prashant S. Lokhande, PCE Panvel on 18 Jan 2020.
- Faculties participated in online workshop on How to use Google Meet by Prof. Prasad Iyer SIES GST on 6th April 2020.
- Dr. Rupenda Nehete participated in online workshop on 'Intellectual Property Rights' by Pandit Deendayal Petroleum University on 11 April, 2020.
- Faculties participated in IIC online session by AICTE MHRD Innovation Cell in April 2020.
- Prof. Prashant Ambadekar, Ajay Hudiwale and Lokpriya Gaikwad along with students participated in online personality development course by SIES GST from 28-30 April 2020.
- Dr. Pradip Patil participated in webinar on Industrial Automation using AutoSim 200 by SMC Corporation on 15 April, 2020.
- Dr. Rupendra Nehete, Prof. Chandan Chaudhari and Prof. Onkar Potadar participated in webinar on leadership talk by Prof. Anil sahasrabudhe on 20th April 2020.
- Dr. Pradip Patil participated in webinar on Industry 4.0 by SMC Corporation on 22 April, 2020.
- Dr. Pradip Patil participated in webinar on Hydraulics and Pneumatics by SMC Corporation on 29 April, 2020.
- Dr. Pradip Patil participated in webinar on Exam Reforms through OBE by AICTE from 29th April to 2nd May 2020.
- Dr. Pradip Patil participated in webinar cum training on TKsolver by Universal technical Systems on 30th April and 1st May 2020.
- Prof. Prashant Ambadekar participated in webinar on Breathing Techniques for Improving Immunity by Mr. Shrikant Kshirsagar HR-SIES on 8th April, 2020.
- Prof. Prashant Ambadekar, Prof. Ajay Hundiwale and Prof. Lokpriya Gaikwad participated in webinar on Personality development course – Business Psychology by Theia New Consultancy LLP on 28th April 2020.
- Prof. Prashant Ambadekar participated in webinar on Tire Testing – Why we need it and how do it efficiently? by Link Engineering Company on 29th April, 2020.
- Prof. Prajakta Kane participated in webinar in Improving Research planning at technical institutes by Elsevier and VTU Consortium on 29th April 2020.
- Faculties participated in webinar on topic 'Understanding on E-Content Development' by Prof. Mandar Bhanushe (Institute of Distance and Open Learning, Mumbai University) organized by SIES Central Training Department on 29 April 2020.
- Prof. Lokpriya Gaikwad and Dr. Kaustubh Chavan participated in webinar on How to improve the citation and write research papers by SVIT Nashik on 1st May 2020.
- Dr. Rupendra Nehete participated in webinar on Higher Education Abroad by Alumni association SIES GST on 3rd May 2020.
- Prof. M. Ali Ansari participated in NPTEL special lecture series webinar on Career in Police Service and Personal by IPS officer Dr. C. Sylendra Babu DGP Railways Tamilnadu on 3rd May, 2020.

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- Prof. M. Ali Ansari participated in NPTEL special lecture series webinar on Career in Sports broadcasting by Mr. Radhakrishnan on 5th May, 2020.
- Prof. M. Ali Ansari participated in webinar on How to start UPSC IAS IPS IFS Preparation by PRAYAS India from 2-7 May, 2020.
- Prof. Lokpriya Gaikwad participated in webinar on Project Management by 3V consultant on 4-6 May 2020.
- Prof. Ajay Hundiwale participated in webinar on Upcoming Jobs in India: What should students learn now? By Mr. Soumen Majumdar MaTPO on 5th May 2020.
- Prof. Ganesh Kadam participated in webinar and live tour of 3D Printing leading towards Industry 4.0 by BUHER, Chennai on 3rd May, 2020.
- Prof. Ganesh Kadam and Prof. Ajay Hundiwale participated in webinar on Heat transfer and fluid flow for a Heat exchanger unit using Ansys Fluent by FCRIT Vashi on 8th May 2020.
- Prof. Onkar Potadar participated in webinar on research, Funding Projects & IPS by KC College, Thane from 7th May to 10th May 2020.
- Dr. Kaustubh Chavan participated in online session on Leadership talk with Prof. Anil D.Sahasrbudhe, AICTE Chairman by AICTE-MHRD-IIC on 9th April 2020.
- Dr. Kaustubh Chavan participated in online session on Leadership talk with Dr. VK Saraswat, Member NITI Aayog.(How Make in India will become more relevant in post-Covid world) by AICTE-MHRD-IIC on 13th April 2020.
- Dr. Kaustubh Chavan participated in online session on Leadership talk with Dr. Anand Deshpande, Founder, Chairman & Managing Director, Persistent Systems Ltd by AICTE-MHRD-IIC on 14th April 2020.
- Dr. Kaustubh Chavan participated in online session on National Innovation and Startup Policy NISP 2019 for Students and Faculty 2019 by Mr. Dipan Sahu,National Coordinator-IIC, ARIIA, NISP Innovation Cell, Ministry of HRD, Govt. of India by AICTE-MHRD-IIC on 28th April 2020.
- Dr. Kaustubh Chavan participated in online session on Accelerator/Incubation - Opportunity for Student Faculty - Early Stage Entrepreneurs Role and Importance of Pre-Incubators, Incubators and Accelerators in HEIs - Harnessing Innovation and Entrepreneurial Potential of Students and Faculties at Early Stage by AICTE-MHRD-IIC on 29th April 2020.
- Dr. Kaustubh Chavan participated in online session on Role of Network Enablers in driving I&E in HEIs - A Case of TiE, India TiE Network and Chapters in India > Role of TIE as Ecosystem Enablers > Services and Collaboration Opportunities with HEIs to Drive I&E Ecosystem by AICTE-MHRD-IIC on 1st May 2020.
- Dr. Kaustubh Chavan participated in online session on Hangout with Successful Startup Founder and Learn on Design thinking Approach for Hardware Innovation Life of a Startup Founder and Myths and take home Messages * Learn Design thinking for Hardware Innovationby AICTE-MHRD-IIC on 4th May 2020.
- Dr. Kaustubh Chavan participated in online session on Entrepreneurship, Business Idea and Business Model Canavas Entrepreneurial Motivation -Empathy and Business Idea -Business Model Canvas by AICTE-MHRD-IIC on 5th May 2020.
- Faculties participated in two days FDP on Online Teaching-Learning Practices and Tools by Computer Engg. Dept. SIES GST on 8-9 May, 2020.

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DEPARTMENT OF INFORMATION TECHNOLOGY
Annual Report 2019-20

1. Academic achievements:

Final Year (Sem VII)

1st. Zaavde Prajakta Harihar Madhuri-BE (Information Technology)-SGPA 10

2nd. V Sunetra Seshagiri Pushpa-BE (Information Technology)-SGPA 9.62

3rd. Nayak Sara Shashikant Shubhada -BE (Information Technology)-SGPA 9.54

Third Year (Sem V)

1st. Nithya Kannan Punitha-TE (Information Technology)-SGPA-9.85

2nd. Rangnekar Adwait Shantaram Anushka -TE (Information Technology)-SGPA9.46

2nd. Zawar Yash Umesh Bharti-TE (Information Technology)-SGPA9.46

3rd. Shetty Akshay Hemanath Sujatha-TE (Information Technology)-SGPA9.38

Second Year (Sem III)

1st. Abhinaya Jaikumar - SE (Information Technology)- SGPA 10

1st. Diwan Kadir Nuruddin- SE (Information Technology)- SGPA 10

1st. Shetty Pooja Karunakar- SE (Information Technology)- SGPA 10

1st. Upade Arfah Mubin- SE (Information Technology)- SGPA 10

2nd. Parkar Saarabi Salim - SE (Information Technology)- SGPA 9.88

2nd. Rohit - SE (Information Technology)- SGPA 9.88

3rd. Sawant Aditi Uday- SE (Information Technology)- SGPA 9.85

2. Collaborative/MOUs':

- Department has signed lifetime MoU with Lab Systems on April 20, 2018.
- Department has signed MoU with McrosoftATS Infotech Pvt. Ltd from Feb, 2017 to Jan,2020.
- Department has signed lifetime MoU with IOT Pro on July 29,2017.
- Department has signed lifetime MoU with 9th Legend Inc. on April 1, 2017.
- Department has signed lifetime MoU with EMTRON on Feb 17, 20, 2018.

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3. Department Initiatives:

- IT Department has organized "Ideation'19-Dream for a cause" in collaboration with the Entrepreneurship Development Cell of SIES Graduate School of Technology and in association with NGOs- Blue Ribbon Movement and Child Vision Foundation under IETE Student forum of SIES GST on September 29, 2019. Prof. Leena Ladge and Prof. Varsha Mali have coordinated the event.

- The IETE Students' Forum in collaboration with the Entrepreneurship Development Cell of SIES Graduate School of Technology, Nerul organized a Boot Camp on Design Thinking and Data Science at the Indian School of Management and Entrepreneurship, One India Bulls, Parel on October 05, 2019.

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- IT Department has organized "Projexion- a project competition", based on IOT, App development for TE and BE students under IETE Student forum of SIES GST on Oct. 22-23,2019. Prof. Leena Ladge, Prof. Bushra S. have co-ordinated the event.

- The IETE Students' Forum of SIES Graduate School of Technology, Nerul conducted a Seminar "Tech Entrepreneurship Talk", in August 2019, which was organized by Indian School of Design and Innovation, IETE Students' Forum and Entrepreneurship Development Cell.

- Dr. K. Lakshmisudha and Prof. Bushra Shaikh undertaken two Android application development projects for Ellipsis Pvt. Ltd. namely
  1. Document Gathering Application
  2. Queue Management Application

- Department has completed the office management system (In house project) guided by Dr. K. Lakshmisudha.

- Department has completed the Landing page project of Lab systems by TE IT students , guided by Dr. K.Lakshmi Sudha and Prof. Stuti Ahuja.

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- One-week STTP organized by the department on "DevOps and R Programming" from December 16 - 21 ,2019, coordinated by Prof. Savita Lohiya.

- Department has organized Industrial visit for TE IT students on February 1, 2020, to Reliance Jio Infocom Limited, Mumbai, and Prof. Samundiswary accompanied the students for the industrial visit.
- Alumni interaction session was organized on 4th January 2020 by IT department. Session was conducted by Mr. Karan Kapoor, Mr. Subramani N. Mrs. Pooja Babu.
- Department has organized an Orientation Program on "DevOps Lab" on behalf of University of Mumbai on 4th Jan 2020 at SIES GST, Nerul. Prof Bushra and Prof Mrinal Khadse have coordinated the event.

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- IETE Students' Forum of SIES Graduate School of Technology, Nerul has organized National Level Technical Paper Presenation "TECHXTER 9.0" on February 29, 2020.

- IETE Students' Forum of SIES Graduate School of Technology, Nerul, conducted a session on Python and Machine Learning on March 7, 2020, for the Students of SE IT.

4. Academic / Technical achievements of students:

- Mr. Gaurav Shetty BE IT student published a paper titles 'Type II Diabeties Detection using Ensemble of Classifiers' at IEEE International Conference ICUBEA 2019, Pune

- Mr. Aditya Acharya and Mr. Anandhu Gopi of BE IT students got Certificate of Merit for 'Best Design' in "Android Application Development Inter College Competition" on 14th September, 2019 at Fr. Conceicao Rodrigues Institute of Technology, Vashi.

- Mr. Abhirup Kamath, Mr. Karthik Iyer and Mr. Siddesh Menon of BE IT has won the project competition 'Projexions' held on 22/10/2019 and 23/10/2019 at SIES GST, Nerul.

- Mr. Altaf A, Mr. Chirag B and Mr. Abhilash N of TE IT have won the first prize in project competition 'Projexion2.0'(IOT) held on 22/10/2019 at SIES GST, Nerul.

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- Ms. Nithya K, Mr. Rahul M and Ms. Avantika P of TE IT participated research project "Cleansweep- The cleaning Bot" and selected for final round of Avishkar 2019-20 on Dec 21, 2019.

- Mr. Abhirup Kamath , Mr. Siddhesh Menon, and Ms. Archita Poddar of BE IT presented paper in IEEE Conference on Advances in computing, Communication and Control at Father Agnel college of Engineering Bandra on 20th December 2019.

- Mr. C. Nimish, K. Mr. Bansal and Mr. B. Mitesh has presented and published a paper on "Maiboli - A programming language solution based on Marathi Devanagari Script," 2019 IEEE Bombay Section Signature Conference (IBSSC), Mumbai, held during 26-28 July , 2019 at VMCC, IIT Bombay.

- Mr. Mithil of SE IT and team qualified for BU4EVER Rank 70, ICPC regionals at Amritapuri and Gwalier.

- Mr. Mithil of SE IT and team won the SIH Internal Hackathon software category.

- Mr. Rahul M, Ms. Nithya K and Ms. Avantika P won the SIH Internal Hackathon software category and Hardware category.

- Ms. Sara Nayak, Ms.Reethika Renganathan and Mr.Nair Ashwin presented a paper on "Smart Car Parking System using Wireless Sensor Networks" with Prof. Saritha L. R. and Prof. Leena Ladge in 4th International Conference on Inventive Systems and Control on 8 – 10 January 2020 at Coimbatore, India.

- Mr. Ajinkya Hundiwale and Mr. Shreyas Mujumdar has presented a paper on "Voice Control Car using Machine Learning" with Prof. Saritha L. R. in 6th International Conference on Technology and Information Management on 11thJanuary 2020 at K. J. Somaiya Institute of Management Studies and Research, Mumbai.

- Mr. Akhil N, Mr. Rushikesh S, Mr. Kush S and Mr. Sunil P won the 2nd prize in SPIT Hackthon 2020 held on Feb 01-02, 2020.

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- Mr. Vivek Iyer and Mr. Karthik Mudaliar from BE IT have completed a consultancy project on "Document Management and Version Control System" for ELCA Laboratories using Laravel and python. They have established a new partnership firm named Allogsec. They have also set up a new commercial website for their startup and hosted it live in Laravel platform.

- Ms. Abhinaya Pillai from TE IT published paper titled "Implementation of RFID Systems for various applications and its performance parameters" in conference Equinox 20, at Terna Engineering College, Nerul, Navi Mumbai, on March 18, 2020.

- Mr. Shreyas Mujumdar, Mr. Ajinkya, Mr. Ganesh presented paper titled "A Machine Learning Based Adult Content Detection Using Support Vector Machine" for INDIACom - 2020; International Conference on Computing for Sustainable Global Development, technically sponsored by IEEE Delhi Section, scheduled to be held during 13th March, 2020 at Bharati Vidyapeeth, New Delhi (INDIA).

- Mr. Biren Arora, Ms. Nimisha Bhagat, Ms. Sonali Arcot of BE IT presented a paper on "Rice Grain Classification using Image Processing & Machine Learning Techniques", IEEE 5th International Conference on Inventive Computation Technologies (ICICT-2020) Scopus Indexed Scopus ID: 21100793693, 26-28 February 2020.

- Ms. Pushpa and Saravana T of TE IT Conducted workshop for SE IT students on "Python Basics and Machine Learning with Python" on March 07, 2020.

- Mr. Karthikeya Thanapal of BE IT secured 2nd prize in NIFT Intercollege Group Dance Competition 2020 and participated in Internal Hackathon of SIH 2020.

- Mr. Sabestin Nadar BE IT participated in CISCO ISTE CODATHON 2020 (Level-1) on March 30, 2020.

- Mr. Kadir, Mr. Mithil, Mr. Bharath, Mr. Krithik, Mr. Rohan and Mr. Srijani of SE IT won 1st prize in selection round of SIES GST for Smart India Hackathon 2020 in software category.

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- Mr. Ritik won the volleyball intercollegiate tournament held at Seth GS medical College.
- Ms. Avantika Pawar, Ms. Nithya Kannan, Mr. Rahul Ganesh TE-IT, Winner/First prize in Saraswati college's Technovation 2.0 National level technical poster presentation competition, held on 9th April, 2020.
- Ms. Megha K. of TE IT has raised the funds for food supply in Bright Future (NGO) in the month of April.
- Mr. YashZawar of TE IT has conducted one webinar with the head of his village(Balad BK in Jalgaon) on May 3, 2020 and talked about the covid-19 virus and told them about the situation in Mumbai and suggested some preventative measures.

5. Cultural / Sports achievements:

- Mr. Abhishek Avadhani of BE IT has secured Third Rank in Western Vocal Solo event at 52nd Inter-Collegiate Cultural Youth Festival organized at S.I.E.S. College of arts , Science and commerce, Nerul Navi Mumbai on august 9,2019 for Zone II (Mumbai II).
- Mr. Sainiranjan Sharma BE IT student won prize in Western instrumental Consolation at Youth festival organized by University of Mumbai in August-September 2019.
- Ms. Arfah Upade TE IT student won 1st prize in Debate group B 1st prize at Youth festival organized by University of Mumbai in August-September 2019.
- Mr. Yasin Ansari of BE IT has secured Seventh place in inter collegiate sports and tournaments in the discipline of Taekwondo at Mumbai University in the year 2019-20.

Sports Taekwondo championship

- Ms.Arfah Upade conducted PROMETHON an event conducted for the entire FE on 31st January 2020.

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6. Faculty achievements/Research grants:

- Dr. K. Lakshmisudha and Ms. Bushra Shaikh undertaken two Android application development projects for Ellipsis Pvt. Ltd. namely

     1. Document Gathering Application

     2. Queue Management Application

- Prof. Savita Lohiya, Published paper in IEEE Conference on Advances in computing, Communication and Control at Father Agnel college of Engineering Bandra on 20th December 2019.

- Prof.Bushra Shaikh has published a paper on "Maiboli - A programming language solution based on Marathi Devanagari Script," 2019 IEEE Bombay Section Signature Conference (IBSSC), Mumbai, held during 26-28 July , 2019 at VMCC, IIT Bombay.

- Prof.Seema Redekar, Prof.Stuti Ahuja Conducted session in STTP on Devops and R Programming at SIES GST from December 16- 21, 2019.

- Prof.Ms. Seema Redekar, Prof.Stuti Ahuja published paper on IOT based system for driver drowsiness" in JICR Journal oct19.

- Prof.Leena Ladge has conducted Student Development Program on Internet of Things using Intel Galileo board, Dec 11-13, 2019.

- Dr. K. Lakshmisudha along with students completed the "Office Management system (In house project).

- One Industry live project (Landing page) completed by TE IT students- for Lab Systems Pvt. Ltd guided by Prof.Stuti Ahuja and Dr. K. Lakshmisudha.

- Prof.Leena Ladge guided the research project " Cleansweep- The cleaning Bot" presented and then selected for final round of Avishkar 2019-20 on Dec 21, 2019.

- Prof. Leena V. Ladge conducted session in STTP on Internet of Things, at Terna Engineering College, Nerul on Jan 02, 2020.

- Prof. Leena V Ladge presented a paper on "Smart Car Parking System using Wireless Sensor Networks" in 4th International Conference on Inventive Systems and Control on 8 – 10 January 2020 at Coimbatore, India.

- Prof. Saritha L. R. and Prof. Leena Ladge along with the students Ms.Sara Nayak, Ms.Reethika Renganathan and Mr. Ashwin Nair presented a paper on "Smart Car Parking System using Wireless Sensor Networks" in 4th IEEE International Conference on Inventive Systems and Control on 8 – 10 January 2020 at Coimbatore, India.

- Prof. Saritha L. R. with students Mr. Ajinkya Hundiwale and Mr. Shreyas Mujumdar presented a paper on "Voice Control Car using Machine Learning" in 6thIEEE International Conference on

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Technology and Information Management on 11th January 2020 at K. J. Somaiya Institute of Management Studies and Research, Mumbai.

- Prof. Leena Ladgehas conducted the meeting for syllabus setting as a course chairperson for COA and Microprocessor lab subjects on behalf of UoM on March 13, 2020 at SIESGST, NERUL.

- Dr. K.Lakshmisudha has attended the syllabus revision meeting for the course of Principles of communication for SE IT-III Sem(Rev 2019) held at Terna Engineering college on behalf of UoM on March 11,2020.

- Prof. Bushra S. has attended the syllabus revision meeting for the courses operating system and unix lab of SE-BE IT SEM IV (Rev 2019 'C' scheme) held at KJSIEIT, Sion, on behalf of UoM on March 11, 2020.

- Prof. Mrinal K. has attended the syllabus revision meeting for the course of paradigm and computer programming fundamentals for SE-IT - III sem Rev 2019 'C' scheme) held at Vidyalankar Institute of Technology on behalf of UoM on March 13,2020.

- Prof. Seema Redekar and Dr. K.Lakshmisudha have received the minor research grant of Rs 25,000/ from UoM for their project titled "Voice Based Heart Rate Monitoring System" for the academic year 2019-20.

- Prof. Savita Lohiya and Prof. Leena Ladge have received the minor research grant of Rs 30,000/ from UoM for their project titled "Predicting Parkinson's Disease" for the academic year 2019-20.

7. Seminars/workshops organised by departments:

- Dr. Lakshmisudha has conducted workshop on "Enterprise Network Design using L2 andL3 switch" for BE-IT students on 26/08/19.

- Dr. Vijay Katkar conducted workshop on "Bootstrap Framework" (31/07/19-06/08/19) for IETE students.

- Dr. K. Lakshmisudha has conducted 40 hours Student Development Program on " CCNA-Routing and Switching" for SE/TE/BE students from 27-06-2019 to 31-08-2019.

- Dr. Vijay Katkar conducted 60 hours Student Development Program on "Advanced Web Technologies" for SE/TE-IT students from June to September 2019.

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- Prof. Savita Lohiya organized expert talk on "Artificial Intelligence "by Ms. Sneha Krishna, Software Engineer, Xorient Solutions Pvt.Ltd. for BE-IT students on 21/09/19.

- Prof. Mrinal Khadse and Prof. Bushra Shaikh organized expert talk on "Designing Java Applications with Database Connectivity " by Ms. Siddhesh Sawant , Software Developer, Newgen Software Technologies for SE-IT students on 24/09/19.
- Dr. Vijay Katkar organized expert talk on "Web Security " by Mr. Abhishek Datkhile, free lance security person, for BE-IT students on 13/09/19.
- Dr. Vijay Katkar and Prof. Seema Redekar has organized expert talk on "Angular JS and NoSQL" for TE-IT students by Mr. Siddhesh Karadikar on 05/10/2019.

- Prof. Leena Ladge organized expert talk on "Industrial IoT", by Mr. Harish Chandar, Founder/Director INDIATECH Pvt. / Ltd. On 10/10/2019.
- Prof. Amit Pandhare organized expert talk on "Career Enlighten on Networking and Cyber Security by Mr. Mohammad Junaid for BE-IT students on 14/10/19.

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- Prof. Leena Ladge conducted Student Development Program on Internet of Things using Intel Galileo board, Dec 11-13, 2019.

8. Seminars/workshops attended by department faculty:

- Prof. Vijay Katkar has attended Orientation Program for the subject Infrastructure Security(Sem-VII) at Thadomal Sahani Engineering College, Bandra.

- Prof. Amit Pandhare has attended Orientation Program for the subject Enterprise Design Network (Sem-VII) at K.J.Somaiya Institute of Engineering and Information Technology Sion(E), Mumbai.

- Prof. Savita Lohiya has attended Orientation Program for the subject Artificial Intelligence (Sem-VII) at Vidyalankar Institute of Technology, Vadala.

- Prof. Bushra Shaikh has attended Orientation Program for the subject Mobile Application Development (Sem-VII) at FCRIT, Vashi.

- Prof. Varsha Mali was attended TEQIP-III Sponsored One-Week Short Term Training Programme on 'Deep Learning Applications' at S. V. National Institute of Technology, Surat, Gujrat

- Dr. Vijay Katkar was resource person for ISTE-GUJCOST sponsored one week STTP on "Deep Learning – Practical Approach" at C.G. Patel Institute of Technology, Gujrat.

- Prof. Varsha Mali was resource person for ISTE-GUJCOST sponsored one week STTP on "Deep Learning – Practical Approach" at C.G. Patel Institute of Technology, Gujrat.

- Prof. Varsha Mali has attended Faculty Development on "Experimental Learning, Automation, Machine Learning and Business Ethics on 19/08/19 at TCS Yantra Park Thane.

- Prof. Leena Ladge, Prof. Mrinal Khadse, Prof. Savita Lohiya and Prof. Seema Redekar attended one day Workshop on " Linux", conducted by the Teaching Learning Centre (ICT) coordinated by IIT Bombay on 23/08/19.

- Prof. Seema Redekar attended one day Workshop on " R-programming", conducted by the Teaching Learning Centre (ICT) coordinated by IIT Bombay on 09/11/2019.

- Prof. Leena V. Ladge conducted session in STTP on Internet of Things, at Terna Engineering College, Nerul on Jan 02, 2020.

- Prof. Bushra and Prof. Mrinal Khadse has organized an Orientation Program on "DevOps Lab" on 4th Jan 2020 at SIES GST, Nerul.

- Prof. Savita Lohiya has attended Orientation Program for the subject "User interaction design" at Thadomal college of Engineering on 06 January, 2020

- Prof. Saritha has attended Orientation Program for the subject "Internet of Everything" at Terna college of Engineering on 10 January, 2020

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- Prof. Stuti Ahuja has attended Orientation Program for the subject "R Programming Lab" at VESIT on 07 January, 2020

- Prof. Amit Pandhare has attended Orientation Program for the subject "Big data Analytics" on 08 January, 2020

- Prof. Leena Ladge has attended Orientation Program for the subject "Enterprise resource planning" at Terna college of Engineering on 10 January, 2020.

- Prof. Bushra has attended an Orientation Program on "DevOps Lab" on 4th, Jan 2020 at SIES GST, Nerul.

- Prof. Mrinal Khadse has attended an Orientation Program on "DevOps Lab" on 4th Jan 2020 at SIES GST, Nerul.

- Dr. K. Lakshmisudha has attended online workshop on "Examination Reforms" organised by AICTE from April 29- May 2, 2020.

- Dr. K. Lakshmisudha has completed Three weeks 8 credit course on "WhatsApp Outcome based Education Faculty Development Program" from March 24 to April 14, 2020 organized by D Y Patil College of Engineering, Akurdi.

- Dr. K. Lakshmisudha has attended training for "Online lecture taking / Conferencing and lecture recording features of Google Meet", by Prof. Prasad Iyer, on April 07, 2020.

- Dr. K. Lakshmisudha has attended workshop on Intellectual Property Rights - Session 2 on Apr 11, 2020.

- Dr. K. Lakshmi Sudha has attended webinar on "Fundamental of Outcome Based Education" on April 11, 2020 conducted by Mr. Ajay Bhagwat and organized by SIES Central Training Department.

- Prof. Leena Ladge has attended training for "Online lecture taking / Conferencing and lecture recording features of Google Meet", by Prof. Prasad Iyer, on April 07, 2020.

- Prof. Leena Ladge has attended training through ZOOM on "Breathing Techniques for Improving Immunity", by Shrikant Kshirsagar, Co-Founder Yoga Sanjeevani, on April 08, 2020.

- Prof. Leena Ladge has attended webinar on "Outcome Based Education", by Mr. Ajay Bhagwat, Inpods India Pvt. Ltd., organised by IQAC SIESASCS, Nerul on April 11, 2020.

- Prof. Leena Ladge has attended webinar on "E-Content Development", by Prof. Mandar Bhanushe, organised by IQAC SCCE, on April 29, 2020.

- Prof. Mrinal Khadse has attended training session on "Online lecture taking / Conferencing and lecture recording features of Google Meet", by Prof. Prasad Iyer on April 07, 2020.

- Prof. Mrinal Khadse has attended online training on health management ,"Breathing techniques for improving immunity" by Mr. Shrikant Kshirsagar, Co-Founder Yoga Sanjeevani, on 09/04/20.

- Prof. Mrinal Khadse has attended webinar on Outcomes-based Education by Mr. Ajay Bhagwat, Inpods India Pvt. Ltd., organised by IQAC SIESASCS, Nerul, on 11/04/2020.

- Prof. Mrinal Khadse has attended webinar on "Cloud Computing with Amazon Web Services "on 21/04/2020 and 22/04/2020.

- Prof. Mrinal Khadse has attended webinar on Rise of AI and Machines: How to start a career in the emerging post Covid Digital World? by Mr. Ganesh Sankaralingam on 26/04/2020.

- Prof. Mrinal Khadse has attended Webinar on "EContent Development" by Prof Mandar Bhanushe, organised by IQAC SCCE, on 29/04/2020.

- Prof. Savita Lohiya has attended a webinar on New Emerging Trends and Technologies by VIT Mumbai on 20, 21 and 22nd April 2020.

- Prof. Savita Lohiya has participated in Quiz on Basic computer and IT skill conducted by Shree LR Tiwari College of Engineering., Mira road.

- Prof. Seema R. done online LaTeX training organized at S. B. Patil College of Engineering with course material provided by the Spoken Tutorial Project, IIT Bombay from 25 Apr.2020 to 1 May 2020.

- Prof. Seema R. attended an online session on Google Meet Overview by Prof. Prasad Iyer- on April 7, 2020.

- Prof. Seema R. attended an online session on "Breathing techniques to improve immunity" by Mr. Shrikant K shirsagar on 08/04/2020,

- Prof. Seema R. attended Leadership Talk by Dr Abhay Jere on 09/04/2020, IQAC Webinar on "Outcome - based Education" on 11/04/2020.

- Prof. Seema R. attended Webinar on "Understanding on E-content Development"organised by IQAC SCCE, on 29/04/2020.

- Prof. Stuti Ahuja has attended the National workshop on "Fine Tuning Research Planning using Elsevier Tools" on 25th April, 2020.

- Prof. Stuti Ahuja has attended webinar on "Fundamental of Outcome Based Education" on April 11, 2020 conducted by Mr. Ajay Bhagwat and organized by SIES Central Training Department.

- Prof. Stuti has attended webinar on "E-content development" organized by SIES Central Training Department organised by IQAC SCCE on 29/04/2020.

- Prof. Bushra Shaikh has attended an online session on Google Meet Overview by Prof.Prasad Iyer-April 7, 2020.

- Prof. Amit P. attended webinar on "Fundamental of Outcome Based Education" on April 11, 2020 conducted by Mr. Ajay Bhagwat and organized by SIES Central Training Department, an online session on Google Meet Overview by Prof.Prasad Iyer- April 7, 2020.

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- Prof. Saritha L.R has attended Webinar on "E Content Development" by Prof Mandar Bhanushe, organised by IQAC SCCE on 29/04/2020.

- Prof. Saritha L.R has attended webinar on Towards Explainable AI by Prof Vineeth N B. IIT Hyderabad. 22/4/2020,

- Prof. Saritha L.R has attended an online session on Google Meet Overview by Prof. Prasad Iyer on April 7, 2020.

- Prof. Saritha L.R has attended a training through ZOOM on "Breathing Techniques for Improving Immunity", by Shrikant Kshirsagar, Co-Founder Yoga Sanjeevani, on April 08, 2020.

- Prof. Samundiswary S attended DSA webinar-IQAC WEBINAR on Outcomes-based education on Apr 11, 2020,

- Prof. Samundiswary S has attended NPTEL special lecture series week 2- Towards explainable AI on April 22, 2020.

- Prof. Teja Dhanawade has attended webinar session on the topic Understanding Sampling Methodology and Challenges with Data (3rd April 2020).

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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION
Annual Report 2019-20

1.Academic achievements:

- Dr.Shishir Jagtap completed his Ph.D.
- Prof.Sonal Hutke enrolled for Ph.D
- Prof.Pushkar Sathe enrolled for Ph.D
- Prof. Hema Raut enrolled for Ph.D

2. Department Initiatives:

- Organised and conducted one week STTP on antennas and RF components design, fabrication and testing during 16/12/2019 to 21/12/2019

- Conducted orientation Program on Sem VIII Subject " RF Design" of EXTC engineering, is Organized at SIES GST, for faculties of Mumbai University on behalf of Mumbai University on 8th of January, 2020

3.Academic / technical achievements of students:

- Mr. Navin Subbu ,Mr.Anuraag Iyengar.Mr.Sivasubramanian Velmurugan and Mr.Vignesh Iyer final year students got first runner up cash prize 20K in VLSI Design conference 2020 held at Bangalore on 6-8 Jan 2020

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- Harsh Agarwal and Aditya Biradar won Digital Poster "Covid-19"Making competition held at MGM Navi Mumbai during 29th April 2020 TO 6th May 2020

4.Cultural / sports achievements:

- Arunkumar Nadar, Priyadarshan and team won the excelsior inter collegiate volleyball tournament held at KEM college during 1st and 2nd February 2020.

- Varun Shetty got man of the match for Football tournament in Reliance foundation youth sports and university college football tournament.

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5. Faculty achievements/Research grants:

- Prof. Swati Rane, presented paper on "Adaptive mean filter technique for removal of high density salt and pepper (impulse) noise", in 5th International Conference on Computing in Engineering and Technology, MGMCE, Nanded, on 9-11 Jan, 2020.

- Prof. Biju Balkrishnan published paper on("Design ,analysis , simulation and implementation of 3D polar FSK modulator in IEEE Explorer

- Prof. D. Senthil kumar, Prof. Pratibha Joshi, Prof. Kintu Patel and Prof. Vishal Gaikwad presented poster on 16 th December 2019 at Mumbai University for Minor Research Grant received ,

- Dr. Atul Kemkar got a sanction of Rs. 2.94 lakh for the proposal submitted under Agro Tech titled "Solar Powered Onion Dryer using Induction Heating" from Department of Science and Technology in January 2020.

- Dr. Preeti Hemnani and Pranavi Mhatre received Rs. 20,000 as Minor Research Grant from UOM for the project titled "FPGA based gas sensor".

- Ms. Sonal Hutke received Rs. 20,000 as Minor Research Grant from UOM for project titled "Planar textile antenna for WBAN operating in ISM band" .

6. Seminars/workshops organised by departments:

- Internship program on FPGA DESIGN USING VHDL for second year students conducted by Dr. Preeti Hemnani, Pranavi Mhatre during 10/12/2019 to 27/12/2019

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- Internship program on Embedded system-Arm Mbed and Node McU for second year students conducted by prof. Pushkar Sathe and prof. Vaishali Mangrulkar during 6/12/2019 to 20/12/2019

- Internship program on "Embedded System Design Using Arduino" for second year students conducted by Prof. Vishal Gaikwad, Pratibha Joshi and Madhuri Kulkarni. during 17/12/2019 to 31/12/2019.

- Internship program on Web Development Technologies for second year students conducted by Prof. Kranti Bade and Prof. Namrata Patel during 4/12/2019 to 9/12/2019.

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- Prof.Madhuri Kulkarni and Priyanka Kadam conducted workshop on Report writing in Latex on 22/10/2019

- Expert lecture by Alumni A. Shyam of EXTC deptt. on Data Analytics & Machine Learning on 19 September 2019 organized by Prof. Swati R. and Prof. Sonal H.

- Interaction with Alumni was conducted on January 04, 2020. Five Alumni Mr. Rohan Pillai, Mr. Aman Rajput, Mr. Vishal Raj, Ms. Nivedita Deshpande, Ms. Pooja Venkat interacted with faculties and students.

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7. IEEE Events:

- Microwave Theory and Techniques Society (MTT-S) of IEEE SIES GST Student Chapter has received a gift worth Rs 50,000 from IEEE. The trainer kit was received by Prof. Biju Balakrishnan (IEEE SIESGST Branch Counselor and MTTS Chapter Advisor).

- IEEE student branch conducted seminar on women in engineering on 1/8/2019.

- DIGITAL MARKETING workshop conducted by IEEE student chapter on 10/8/2019.
- IEEE student chapter conducted Python workshop-1 on 7/8/2019
- IEEE student chapter conducted on Python workshop-2 on 9/8/2019
- IEEE student chapter conducted. Python workshop-3 on 13/8/2019
- IEEE student chapter conducted Python workshop-4 on 14/8/2019

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- IEEE student chapter conducted Amazon Alexa workshop on 31/8/2019

- IEEE Student Branch, SIES GST has organized Line Robotics Workshop on 14/9/2019 for EXTC students.
- IEEE Student Branch, SIES GST has organized soft skill workshop Titled Communication and its Implications on 16/9/2019 for third year and final year students
- IEEE Student Branch, SIES GST organized Seminar on higher Studies Abroad and other competitive Exams on 23/9/2019 for third year and final year students

- IEEE Student Branch, SIES GST organized IEEE Quiz Competition for third year students on 9/10/2019.Quize was conducted by Prof. Biju Balakrishnan.

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- IEEE Student Branch, SIES GST organized 24 hour programming competition"IEEE Xtreme 13.0"on 19 /10/2019 5.30AM to 20/10/2019 5.30AM.

- IEEE Student Branch, SIES GST. Organized and celebrated IEEE day on14/10/2019.Chief guest was Dr. Vinit Kotak, Vice Chairperson of IEEE Bombay Section

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- The WIE affinity group under IEEE SIESGST Student Chapter in collaboration with the Women's Development Cell at SIESGST celebrated Women's Day on 9th March 2020. On this occasion, a panel discussion on **"Challenges faced by women in today's Social, Cultural and Work Setting"** was arranged. Dr. Anu Binny (HR Technology Practitioner), Mrs. Neha Pasoria (Lawyer), Mrs. Rachna Sabu (Psychologist & Special Educator), Dr. Manisha S Abhyankar (HOD, Computer Science, KBP College) and Dr. Pooja Vyas Bansal (Obstetrics and Gynecology) were the panelists for the day from various fields.

- On 12th of February 2020, the IEEE SIESGST student chapter revealed annual magazine of the year 2018-19. The magazine named **Technozine** is a compilation of the multiple events, workshops, and the annual fest Techopedia of IEEE SIESGST conducted in working tenure 2018-2019.

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- On 26th February 2020, the IEEE SIESGST student council under the WIE affinity group conducted STEM lectures for students in the 6th standard as a mean to inculcate a sense of curiosity and eagerness to learn and discover more about the fields.

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7.Industrial Visits

1. Industrial visit to TIFR ,Colaba is organized by Dr.Preeti Hemnani on 21/9/2019 for final year students

2. Industrial visit at IIT SAMEER was organized on 28/2/2020 for third year students.

3. Industrial visit to TIKONA, Ghanasoli,was organized by Mr.Biju Balkrishnan on 5/9/2019 for third year students

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1. Industrial visit to JIO Reliance ,Ghansoli,was organized by Mr.Biju Balkrishnan on 5/9/2019 for third year students

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DEPARTMENT OF COMPUTER ENGINEERING
Annual Report 2019-20

1. **Academic achievements:**

Shantanu Ghar, Sayali Patil and Venkatesh Arunachalam from BE won CDAC-nVIDIA's "AI Hackathon 2019" and received cash prize of Rs. 1 Lakh.

Vrunda Mange and Mansi Khamkar Won Consolation Prize in Anveshna 2019-20 .

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- Team members Senthil Thannermalai, V. Karthikraj, Venkatesh Murugesh have won 2nd Runner up in Texture ,National level paper presentation competition in SIESGST on topic 'Geo fencing based digital lang ownership and efficient crop rotation for farmers in Feb 2020.

Prof. Deepti Reddy has completed her Ph.D. in Education Technology from IIT Bombay in the month of November 2019.

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Prof. Varsha Patil has completed Ph.D. from Thadomal Shahani College of Engineering Mumbai in the month of September 2019.

Prof. Aparna Bannore has completed her Ph.D. from Mumbai University in the month of November 2019.

1. Prof. Pranita Mahajan has reviewed the translated files of the course "Introduction to research" offered by IIT Madras, September 2019.
2. Dr. Varsha Patil ranked in Topper 1% in the course titled "Fundamentals of Artificial Intelligence" offered by NPTEL, October 2019.
3. Prof. Kalyani Pampattiwar has been awarded as "NPTEL Descipline Star" in the month of Dec 2019 by NPTEL.
4. Prof. Pranjali Thakre admitted to Ph.D. in May 2019 at NMIMS, Mumbai.
5. Dr. Rizwana Shaikh has written an article for SIES e-magzine ADHIGAM for April issue 2020.

2. Collaborative/MOUs':

- Computer engineering department has signed a MoU with Cloud Counselage on 26 Sep 2019

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3. Department Initiatives:

- Department has started with NBA activities. Roles and Responsibilities have assigned to faculties in the month of November 2019.
- CE department has conducted workshops/SDPs on various security tools for students of all departments. "Network Security and Ethical hacking" dated 16nd Dec and 21 Dec 2019 was conducted in collaboration with Unotech Soft Ltd, 9 th Legend.
- Blockchain Technology and Application is one of the SDP floated for the first time in the department with good response from students from various semesters
- In this winter vacation also as a part of continuous practice, the department has floated SDP's in various domains such as Software design and Thinking, R programming, Blockchain Technology to explore students to upcoming technologies needed by industry

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- To improve placements and technical skills of students, technical quizzes, aptitude lectures, weekly code chef activities followed by coding competition were conducted.
- Five faculties have completed training on various courses conducted by NPTEL
- To help student's in selecting problem statements for National level Smart India Hackathon (SIH), a seminar was conducted on 13/01/2019.
- The partnership between the Institute and the Company is designed to facilitate the internship hiring process by signing MOU with Cloud Counselage.
- Apprehending Government related internship and taking necessary steps for the same
- As an initiative towards providing good internship opportunities to students department has started drafting mail to companies or startups.
- As a part of Career Development Cell Dr. Aparna Bannore has conducted weekly programming/Aptitude activities for SE/TE students
- To promote Web Development Skills within students Prof. Namrata Patel and Prof. Kranti Bade has conducted Web Development competition for TE students under CSI on 13/09/2019.

- Computer Department has organized Syllabus Revision meeting of subject 'Database Management' on dated 3/3/2020 in SIESGST.

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- The CSI Student Chapter of SIES Graduate School of Technology organized a national level project competition, INNOVATIONS, on 28th February, 2020. Total 27 teams participated from various engineering colleges in India. Mr. Kaustubh Gadgil Scientific Officer (G), BARC as the chief guest for the event.

Academic / technical achievements of students:

- Students have actively participated in technical Event Cognition held on 13th and 14th September 2019.

- .Shantanu Ghar,Sayali Patil and Venkatesh Arunachalam from BE won CDAC-nVIDIA's "AI Hackathon 2019" and got cash prize of Rs. 1 Lakh.

- Apurva M, Navin Kumar M.,Mahadevan Narayanan, Aaditya G, Ajun Nair have published paper entitled " Using deep Learning on satellite Images to identify Deforestation/Afforestation" in ICCVBIC (Springer).

- Amogh Gokhale from BE won first prize in inquisitive in techopedia, 13-14 Sep 2019.

- Atharva Kshirsagar and Shubham Loya from SE C won the Technopoly Event under Techopedia, National level technical competition by IEEE, 13-14 Sep 2019.

- Workshop for students on "Angular 5" was conducted by Saiprasad and Vignesh Reddy dated 12/10/2019.

- Aaditya Parthasarthy has won Bugforever Coding competition in SIESGST, Sep 2019.

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- Two team of 4 students each Senthil kumar, Karthikraj,Thirumalai Y, Shwetambari shinde and Aditya P, Sidharth Bayle, Akash Chavan, Varsha kini from TE get selected for Deep Blue Majesco Project competition under Mastek group of Company, Sep 2019

- One team of 4 students Mithil Poojary, Aakash Chavan, Rahul Sawantdesai and Ninad Chavan got selected for international coding competition ICPC Amritpuri at both regional levels, Sep 2019.

- Abhishek Joshi from SE CE is awarded by Elite certification in the course " python (algorithms and data structures) ",NPTEL Sep 2019.

- Shreya Mukherjee from SE CE is awarded by Elite+Gold certification in the course " Programming in Java ",NPTEL Jul-Oct 2019.

- Tejas Shenoy, Dhananjay, Senthil kumar from TE have won the first prize in WDL project competition, Sep 2019.

- Ninad Chavan has successfully completed Foundation certificate in CCDSAP from Codechef.

- Vijay Nadar, Krishnan Naidu from SE CE ,part Team Turbocrafters of has honored with AIR 6 and 1st in Mumbai at Baja 2020 endurance .

- Karthikraj, Yogesh, Shardul, Tejas, Shreyas and Shruti has qualified internal round of Smart India Hackathon.

- Swarika, Ajun, Aditya, Mahadevan , Apurva has qualified internal round of Smart India Hackathon.

- Sweta shekhar and team has qualified internal round of Smart India Hackathon.

- Shantanu Ghar, SAyali Patil and Venkatesh Arunachalam won third prize in Hackathon arranged by IITB, March 2020.

- Paper published by Sudhanshu Tarale, Snehal Deshmukh and Ankita Dharurkar on "Suspicious financial activities detection using machine learning", IJRASET (UGC Care), March 2020.

- Karthikraj, Yogesh, Shardul, Tejas, Shreyas and Shruti selected for final round of Smart India Hackathon.

- Sayali Patil, Shantanu ghar, Venkatesh Arunachalam won 1st Runner up in I-Hack conducted by E-cell IIT Bombay in Feb 2020

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Runners up at I_Hack 2020

- Chinmay Chandak & Arvind Thangraj has won Technical Excellence Award in Feb 2020.

- Sayali Patil has won Best Enterprising student award in Feb 2020.

- Team of V. Karthikraj, Shardul doke, Shruti Tambe,Tejas Shenoy, Yogesh vishwanathan, Shreyas Shridhar nominated in Smart India Hackathon 2020.

- Sanoop Menon has secured 34th rank in CEED 2020 by IIT Bombay in Feb 2020.

- Team members V. Karthikraj, Senthil Thannermalai, Thirumalai Nambi Yadav , Shweta shilwant have won special award for outstanding research in Deep blue Majesco on Topic 'Long term water consumption & prediction of Mumbai' in Feb 2020

- Team members Senthil Thannermalai, V. Karthikraj, Venkatesh Murugesh have won 2nd Runner up in Texture in SIESGST on topic 'Geo fencing based digital lang ownership and efficient crop rotation for farmers in Feb 2020.

- Total 28 students from computer department (TE & SE) are eligible for level 2 in CISCO ISTE CODATHON in April 2020.

- Final Year Student Sarthak has developed Live Tracking of the CORONA virus app under HMI Mini project in April 2020.

- V Karthikraj ,Venkatesh M from TE computers participated in Hackathon Conducted by Datta Meghe College

- Vrunda Mange and Mansi Khamkar Won Consolation Prize in Anveshna 2019-20 .

5. Cultural / sports achievements:

- Satish Manikannan completed 4*100 m rally boys and won 2nd prize during ENTHUSIA 2K19 conducted by VJTI

- As a part of NSS team Ms. Anushree Kolhe, Sakshi Mahadik won first prize in UDAAN , NSS street play competition

- Aishwarya Ganeshan and Shweta Ravikumar Participated in Youth Festival conducted by UOM in singing

- Arshita Soni won first prize in Group Dance in Euphoria 2019

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6.Faculty achievements/Research grants:
Faculty achievements

- As a part of syllabus revision B.E. Faculties have attended Orientation of Mumbai University on various subjects.

- Prof. Varsha Patil visited Cloud Counselage Pvt. Ltd for internship and Placement activities.

- Dr. Rizwana shaikh acted as reviewer for ICACTA 20 by DJ Sanghvi college mumbai on feb 2020 elsevier publication.

- Dr. Rizwana Shaikh has been invited as a member of the Technical Program Committee for IEEE Conference GUCON 2020.

- Prof. Suvarna Chaure, Prof. Anindita Khade, Prof. Pranjali Thakre were the resourse person in STTP on "Object oriented programming in Mechanical Engg", organized by Mechanical Department SIES GST.

- Dr. Rizwana Shaikh has organized and also acted as resource person for AICTE-ISTE approved STTP on " Cloud Computing and HPC" in the december 2019.

- Prof. Pranita Mahajan has guided the students team as a Coach to get qualified at international coding competition ICPC Amritpuri at both regional levels, Sep 2019.

- Prof.Anindita Khade has been a reviewer for the IEEE conference named ICCCDW organized by Atharva College in Feb 2020.

- Dr. Deepti Reddy was invited as resource person for a workshop for teachers on topic CS education workshop : Computing Education Research with a focus on teaching-learning of thinking skills in ACM COMPUTE 2019 conference at University of Goa on Oct 11,2019.

- Dr. Rizwana Shaikh was invited as a part of the syllabus revision committee for the operating system subject in feb2020.

Research grants (Minor Research Grant for 19-20)

- Dr.Rajesh Kadu and Prof. Kranti Bade has submitted Minor research proposal on "IOT based Water Quality Management using sensors" for AY 2019-20 and received a grant of Rs.20000 from university of Mumbai.

- Prof. Prachi Shahane, Prof. Pranita Mahajan has submitted Minor research proposal on " Medical chatbot for Non-Communicable Disease Awareness and Prevention for Indian Rural Women " for AY 2019-20 ND received grant from UOM

- Prof. Ujwala Ravale , Prof. Preeti Godbole, has submitted Minor research proposal on " Real time flood monitoring and control system " for AY 2019-20 and received grant from UOM.

- Prof. Kalyani Pampattiwar, Prof. Namrata Patel has Submitted Minor research proposal on "IOT based energy efficient system to control street lamp" for AY 2019-20.

- Prof. Amit Pandhare,Prof.Anindita Khade has submitted Minor research proposal on "Opinion mining for good governance" for AY 2019-20.

- Prof. Preeti Godbole, Prof. Prachi Shahane has submitted Minor research proposal on " Crack Monitoring in bridges using mobile robots " for AY 2019-20.

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- Dr. Aparna Bannore, Prof. Ujwala Ravale has submitted Minor research proposal on "Attack and Anomaly detection in critical IOT network using Machine Learning " for AY 2019-20.

- Prof. Masooda Modak, Dr. Rizwana Shaikh has submitted Minor research proposal on " Smart Agriculture using IOT " for AY 2019-20.

- Dr. Deepti Reddy, Prof. Suvarna Chaure has submitted Minor research proposal on " Analyzing Students Cognitive behaviour behavior in online learning environment using eye tracking " for AY 2019-20.

- Prof. Pranjali Thakre, Dr. Varsha Patil has submitted Minor research proposal on " Dams Monitoring and Management using IOT to prevent disaster" for AY 2019-20.

MAJOR EXTRA /CO-CURRICULAR ACTIVITIES

- WDL Project Competition was organized by Prof. Kranti bade and Prof. Namrata Patel for third year students on 22/10/2019.

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- Industrial visit to Reliance Jio was organized by Prof.Pranita Mahjan on 21/09/2019.

- Industrial visit to Banglore IT park was organized at institute level in the month of Dec 2019,total 51 students and Prof.Sunil K Punjabi ,Prof.Suvarna Choure and Prof.Pranjali Thakre were the part of IV

Online Courses

- Prof. Prachi Shahane has successfully completed Datacamp Certfication for "Introducton to python", 23/09/19.

- Prof. Pranita Mahajan has completed online course by Udemy on "MAchine Learning with Python and NLP", 27 Dec 2019.

- Prof. Ujwala Ravale has successfully completed 12 week FDP course on "Ethical Hacking" offered by NPTEL, IIT, Jul- Oct 2019.

- Prof. Kalyani Pampattiwar, Prof. Masooda Modak honored with Elite certificate in 12 week FDP course on "Ethical Hacking" offered by NPTEL, IIT, Jul- Oct 2019.

- Prof. Namrata Patel, Prof. Kranti Bade has successfully completed UDEMY course on "Learn By example- PHP for dynamic websites" on 23/09/2019.

- Prof. Anindita Khade has successfully completed UDEMY course on "Python for Data Science and Machine Learning" on 23/09/2019.

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- Prof. Sunil K Punjabi has published paper titled ," Chat bot Using API : Human To Machine Conversation" in IEEE Global Conference For Advancement   In Technology, Bangalore , Oct 2019.

- Dr. Rajesh Kadu has published paper titled ,"Fraudulent News Detection using Machine Learning Approaches" in in IEEE Global Conference for Advancement in Technology (GCAT-2019), Oct 2019.

- Prof. Masooda Modak has published paper titled ," Detection of Dyslexia using Eye Tracking Measures",in Springer International Conference on International Journal of Innovative Technology and Exploring Engineering (IJITEE),ISSN: 2278-3075, Volume-8, Issue- 9S2, July 2019.

- Prof. Masooda Modak has published paper titled ," Predictive Maintenance Of Heavy ommercial Vehicles Using Machine Learning And Data Analytics "in UGC approved Journal on International Journal of Information and Computing Science,Jul 2019

- Prof. Anindita Khade has published paper titled ," Modelling Customer Behaviour for efficient recommendation systems" ,in UGC Approved Journal International Journal of Research and Analytical Reviews, Jan 2020.

- Prof. Suvarna Chaure has published paper titled ," Implementation of Blockchain for Payroll Taxation", in International Conference on Research and development in Engg and technology ICRDETMS-2019 ISBN-13-9781677031795, Dec 2019.

- Dr. Aparna Bannore has published paper titled "Use of Honeypot to secure IoT Network", in JETIR - Journal of Emerging Technologies and Innovative Research,July 2019.

- Prof.Anindita Khade published a paper "Booting of Diskless Workstations" in International Journal of Scientific Research in Computer Science,Engineering and Information Technology,Volume 6,Issue 2,April 2020,ISSN:2456-3307

- Prof. Pranjali Thakre has presented a paper 'A Novel Design for Voice-Enabled Home Automation and Personalized Recommendation System' in DJICACTA, Feb 2020 which will be published in Springer.

- Prof. Preeti Godbole has published a paper "Suspicious financial activities detection using machine learning", IJRASET (UGC Care), March 2020

7. Seminars/workshops organised by departments:

Seminars/workshops organized by departments

Faculty Development Program

STTP

- Department of Computer Engineering has organized AICTE-ISTE approved Short Term Training Program on " Cloud computing & High Performance Computing" from

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- Prof. Sunil Punjabi has successfully completed certification examination on "The Fundamentals of Digital Marketing" on 18 Nov 2019.

- Prof.Anindita Khade completed UDEMY Course on Machine learning and BDA in March 2020
  Prof.Anindita Khade completed UDEMY Course on Angular JS in April 2020.

- Dr. Rizwana Shaikh has completed certification on topic ' Build with the blockchain: "Deploy your own private blockchain' by Udemy in April 2020".

- Prof. Namrata Patel has completed certification on "Open stack Installation and Deployment" by Udemy in May 2020.

- Prof. Pranjali Thakre has completed certification on 'Complete Data science and Machine Learning in python 2020' by udemy on May 3, 2020.

- Dr. Rizwana Shaikh, Prof. Masooda Modak, Prof. Kalyani P and Namrata p have successfully completed the online course on Blockchain technology by IIT Roorkee in May 2020.

- Dr. Rizwana Shaikh, Prof. Masooda Modak, Prof. Kalyani P and Namrata p has successfully completed the online course on Blockchain technology full stack implementation by udemy in May 2020.

Publications

- Dr.Varsha Patil has successfully published a paper on ,"Modified CSLBP" in International Journal of Electrical & Computer Engineering (2088-8708).[Scopus indexed journal],August 2019.

- Dr. Varsha Patil has published the paper entitled ,"Adaptive CSLBP compressed image hashing" in International Journal of Electrical & Computer Engineering (2088-8708). Scopus indexed journal,August 2019.

- Prof. Kalyani Pampattiwar, Prof. Masooda Modak, Prof. Namrata Patel have presented paper titled " Preserving Privacy of data in distributed system using homomorphic encryption" in ICACIE 2019 Springer.

- Prof. Ujwala Ravale has published paper titled ," Novel Hybrid Security Model in Cryptography" in UGC approved journal International Journal of Research and Analytical Reviews (IJRAR),Jan 2020.

- Dr. Rizwana Shaikh has published paper titled ," GIS based FIR and SOS System" in International Conference on Intelligent computing and Smart Communication Technologies", Springer, August 2019.

- Prof. Pranita Mahajan has published paper titled ," Text Mining in Healthcare" in International Conference on Data Engineering and Communication Systems ELsevier Scopus, Dec 2019.

- Prof. Prachi Shahane has published paper titled ," High Performance Computing with Machine Learning in Healthcare" in UGC approved journal Journal of Information and Computational Science, Jan 2020.

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09/12/2019 to 14/12/2019. Resource person were Dr. Bhushan, from Thadomal Shahani ,Dr. Rizwana Shaikh, Prof. Preeti Godbole, Prof. Prachi Shahane.

- Department of Computer Engineering has organized FDP on "Online Teaching Learning Practices and Tools" from 8/5/20 to 9/5/20 through Google meet by Dr. Aparna Bannore, Dr. Deepti Reddy, Prof. Pranita Mahajan & Prof. Ujwala Rawale.

Workshop

- One day workshop on Linux conducted by Teaching learning centre ICT , coordinated by IIT Bombay under remote centre on 23 Aug 2019.

- One day workshop on R conducted by Teaching learning centre ICT ,coordinated by IIT Bombay under remote centre on 9 Nov 2019.

- Department of Computer Engineering organized workshop on "Bootstrap" on 10th August by Prof. Sunil Punjabi and CSI Council. Total number of participants for the event were 16.

- Department of Computer Engineering organized workshop on "Python" on 31st August by Masooda Modak. Total number of participants for the event were 10.

- Department of Computer Engineering organized workshop on "Django" on 7th September by Girlscript Community. Total number of participants for the event were 18.

- Department of Computer Engineering organized workshop Coding competition on 9th August by CSI Council. Total number of participants for the event were 52.

- E-yantra workshop conducted by prof. Sunil Punjabi for FE/SE students on 31/08/2029.

- Workshop on PC assembly was conducted for SE/TE students on 21/09/2019 under CSI.

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Seminar

- Prof. Namrata Patel and Kranti Bade has organized expert talk on " Latest Web Development Technologies" for TE students in Sep 2019.

- Prof. Pranjali Thakre has organized expert talk on " Advanced JAVA" for SE students in Sep 2019.

- Guest Lecture was organized by Prof. Pranita Mahajan on subject Computer Network for TE students on 18/10/2019. Speaker was Mrs Kavya and Team IIT Bomabay.

- Seminar on Technical paper writing for TE/BE students was conducted by Dr. Aparna Bannore and Dr. Rizwana Shaikh in the first week of October 2019.

- Workshop on " Quality Teaching Learning-HOTS" for faculty of CE department by Dr Deepti Reddy and Prof. Preeti Godabole.

- Presentation and report writing skills conducted for TE and BE (Through Meet) : Pranjali, Preeti, Dr. Rajesh K, Dr. Varsha P TE: 29/4/20,30/4/20

Pre Placement Seminar

- Dr. Apama Bannore , Pranjali Thakre has conducted seminar on "Programming with C Quiz including topics Data types, Control Structure, Pointers" on 16/09/2019.

- Dr. Deepti Reddy has conducted seminar on "Programming with C Quiz Data structure Linked list ,trees" on 17/09/2019.

- Prof. Prachi Shahane has conducted seminar on "Logic building and Coding" on 18/09/2019.

- Prof. Vaishali Bhujade has conducted seminar on "Programming with Java" on 19/09/2019.

- Prof. sunil Punjabi has conducted "Quantitative Aptitude" on 20/09/2019.

SDP

- Department of Computer Engineering conducted Student Development Program with Internship on, "Software Design" in collaboration with IIT Bombay from 16/12/2019 to 20/12/2019.Resource person were Dr. Deepti Reddy, Mr. Prajish P, Mrs. Lakshmi Ganesh, Prof. Sunil Punjabi. Total number of participants for the event were 22. (https://iitbcomputingedresearch.wordpress.com/2019/12/23/software-design-workshop-2019-at-sies-graduate-school-of-technology-navi-mumbai/)

- Department of Computer Engineering conducted Student Development Program with Internship on ,"R Programming" by Dr. Varsha Patil, Prof.Pranita Mahajan,Prof. Masooda Modak, Prof. Anindita Khade, Prof. Prachi Shahane from 02/12/19 to 07/12/19. Total number of participants for the event were 28.

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- Department of Computer Engineering conducted Student Development Program with Internship on, "Network Security & Ethical Hacking " by Dr.Aparna Bannore, Prof. Ujwala Rawale, Prof. Suvarna Chaure,Prof. Kalyani pampattiwar, Prof. sunil Punjabi from 16/12/2019 to 21/12/2019. Total number of participants for the event were 17.

- Department of Computer Engineering conducted Student Development Program with Internship on, "Blockchain Technologies & Applications" by Dr. Rizwana Shaikh, Prof. Masooda modak, prof. Kalyani pampattiwar, prof. Namrata Patel from 02/12/19 to 07/12/19. Total number of participants for the event were 25.

- Department of Computer Engineering conducted Student Development Program with Internship on ,"Web Technologies" by Dr Prof. Masooda modak, prof. Kranti Bade, prof. Namrata Patel, Prof. Ujwala Rawale from 04/12/19 to 19/12/19. Total number of participants for the event were 25.

Internship

a. Abhishek Joshi SE C has Completed internship from 2/12/2019 to 24/12/2019 at JACOBS Engineering India Pvt ltd.

b. Most of the second and third year students from Computer Engineering Department has completed internship as a part of Student Development Programme.

Seminars/workshops attended by departments

- 18 Faculty members of Computer Engineering department attended the AICTE-ISTE approved Short Term Training Program on "Cloud computing & High Performance Computing" from 09/12/2019 to 14/12/2019.

- Faculty members has attended one day workshop on Linux conduted by IIT Bombay on 23rd August.

- Prof. Prachi Shahane has attended FDP on "High Performance Computing " At RAIT.

- Prof. Prachi Shahane, Prof. Suvarna Chaure Prof. Sunil Punjabi and Prof. Anindita Khade has attended one day "Workshop on How to Make Impact Through Effectivey Communication" on 6th July 2019 and 19th oct 2019 At SIESGST

- Prof. Prachi Shahane, Prof. Suvarna Chaure has attended oirentaton program on "Mobile communicaton and computing " on 11/07/2019 at SAKEC .

- Prof. Pranita Mahajan has attended "Smart Classroom", conducted at the Department of CSE, IIT Bombay, 24-25 June 2019.

- Prof. Pranita Mahajan has attended one day Coordinators' Workshop on Linux - 3 August 2019, under ICT, IIT Bombay.

- Prof. Pranita Mahajan has attended one day Coordinators' workshop on R Programming ", 12 Oct 2019, under ICT, IIT Bombay.

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- Prof. Ujwala Ravale has attended one day workshop on R Programming - 12 Oct 2019, under ICT, IIT Bombay.

- Prof. Preeti G attended the syllabus setting meeting for DL-COA conducted by Datta Meghe college of Engineering, on 25/2/2020.

- Prof.Anindita Khade Attended Orientation program on Big Data Analytics in DBIT on

- 15/07/2019

- Prof.Anindita Khade organized and attended the syllabus setting meeting for DBMS conducted in SIES GST on 03/03/2020

- m. Prof. Masooda Modak Attended Orientation program on "Cloud Computing Laboratory " in K,C,   College of Engineering on 17/01/2020.

- n.Prof.Masooda Modak was part of the organizing team and attended the syllabus setting meeting for DBMS conducted in SIES GST on 03/03/2020

Online Teaching -Learning (08/04/20 to 17/05/20)

- In the pandamedic situation, the department organized the lectures and practicals in online mode using GoogleClassroom and Hangout Meet. Online schedule was well received by the students and for 45 days they were imparted with the subject knowledge from 08/04/2020 to 17/05/2020. Various online classes and activities conducted by the department . Practicals conducted

- Practicals for the various subjects were conducted by providing videos of practicles,using simulators and using virtual classroom and Zoom virtual laboratory.Usage of various tools like Google meet ,Camtesia, screencast o tic,Openboard,JamBoard , kahoot etc was been used.

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